

What is Claimed is:

1. A texture coding label for certificating authenticity of a commodity, having at least a fabric texture portion and a two-dimensional bar code portion, wherein said fabric texture portion has a plurality of fiber threads randomly distributed therewithin to form a fiber image, wherein a two-dimensional bar code which is stored said two-dimensional bar code portion and is a combination of said fiber image and a serial number of said commodity through a first predetermined algorithm.
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2. The texture coding label, as recited in claim 1, wherein said fiber threads are transparent under nature light and emit visible lights under a radiation of light at certain wavelength.
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3. The texture coding label, as recited in claim 3, wherein said radiation of light at certain wavelength is selected from a group consisting of ultraviolet light and infrared light.
4. The texture coding label, as recited in claim 1, wherein said fiber threads are pieces of colored fiber threads.
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5. The texture coding label, as in claim 2 or 4, wherein visible light from said fiber threads is selected from a group consisting of red, blue and orange.
6. The texture coding label, as in claim 2 or 4, further comprising an anti-forgery watermark.
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7. The texture coding label, as recited in claim 6, further having a displaying portion including a plurality of visible data generated by two-dimensional bar code in said two-dimensional bar code portion through a second predetermined algorithm.
8. The texture coding label, as recited in claim 7, further having a smooth surface and an opposed mat surface, wherein said mat surface has an adhesive ability for adhering on a surface of said commodity so as to attach said texture coding label on said commodity.
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9. The texture coding label, as recited in claim 1, further having an adhesive ability for adhering on a surface of said commodity so as to attach said texture coding label on said commodity.

The texture coding label, as recited in claim 1, wherein said two-dimensional
5 bar code portion is overlapped on said fabric texture portion.